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(54) LASER ASSISTED CASTING OF SURFACE TEXTURE AND RELATED SYSTEM

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This patent is subject to a terminal dis-

claimer.

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(57) ABSTRACT

Various embodiments include methods and related systems for laser-assisted casting. Some embodiments include a method including: performing laser ablation to a preliminary wax casting model to form a modified wax model including at least one surface texture element absent from the wax casting substrate; coating the modified wax model to form a mold shape around the modified wax model; and removing the modified wax model to leave a casting mold including the at least one surface texture element.

14 Claims, 3 Drawing Sheets

